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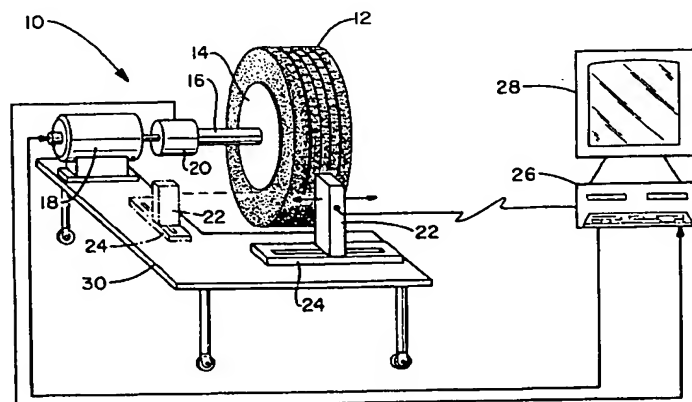
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(54) **Method and apparatus for measuring tyre parameters.**

(57) A method and apparatus for circumferentially measuring tread wear on a tire. A laser probe sequentially scans each of the ribs of a tire, obtaining data respecting the tread depth at various points therealong. This data is employed for each rib to determine heel-to-toe irregular wear of the lugs

thereof and to also determine a total wear index indicative of the degree of wear of the lugs. The method and apparatus is also adapted to laterally scan the tire sidewall to obtain data therefrom for the ascertaining of anomalies therein.

**FIG. - 1**